EMENT BOOK

Dimensions			Contents	Reference to last Measurement
Length 4	Breadth 5	Depth 6	7	8
	II –	77635		
	KSI –	155271		
	ISO	25235		
	Cur	38818		
	[illegible]72	3882		
	Roy –	20125		
		54850½		

First & Final Bill

M.A.R. 57 (Rule 116)

Measurement Book

No. A/11 193673

Serial No. BR-16E/30 9/15

Name of work. Improvements to Roads, Drains and covering Slab at Surya Bakery Road on ward no 10 (Doolda To Bommajanahalli) Vidyaranyapura Sub-division

Name of Contractor of nature of Agency. Sri. Sharanappa. M. Prabhannavar

Date of commencement of work.

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Work code NO: 010-15-000026.						
	Agreement NO: 289 Dated 06/02/2015.						
	Work order NO: EE/BTP/BBMP/F-PMT/289/2014-15 Dt 06/02/2015						
	Address of Agency: #34/14, 19th 'D' cross N.S. Palya, BTM layout 2nd Stage, Bangalore-76.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Measurement recorded on 4-8-2015						
(1)	Earth work excavation by manual means in Hard Soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m. excavated Surface leveled and Sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods etc complete as per Specifica						
	Aswath Katte Road						
	Left Sides	L	30.00	1.00	0.90 =	27.00 Cum	
		L	30.00	1.00	0.90 =	27.00 Cum	
		L	30.00	1.00	0.90 =	27.00 Cum	
		L	30.00	1.00	0.90 =	27.00 Cum	
		L	34.50	1.00	0.90 =	31.05 Cum	
					Total =	139.05 Cum	
		Qty limited to Tender			=	138.60 Cum	
		@ RS	100.00			RS	13860.00

Sadhu
AE

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ವಿದ್ಯಾಗಿರಿಯ ಉಪ ವಿಭಾಗ

Serial No.....

Name of work.....

Name of Contractor of nature of Agency

Date of commencement of work.....

Date	Full description, etc, of work
1	2
(2)	providing and lay... 1:4:8 with OPC ce... granite metal co... 0.57 Cum machine... 15cms thick, well ... cost of all mater... Aswath Katte Road Left Side

REMENT BOOK

Dimensions			Contents	Reference to last Measurement
Length 4	Breadth 5	Depth 6	7	8
On 4-8-20		15		
manual means in Hard Soil				
zontal throw upto 2 meters and				
. excavated surface leveled and				
d disposed earth to be leveled				
clods etc complete as per specifica				
0.00	1.00	0.90 = 27.00 Cum		
0.00	1.00	0.90 = 27.00 Cum		
0.00	1.00	0.90 = 27.00 Cum		
0.00	1.00	0.90 = 31.05 Cum		
4.50	1.00	0.90 =		
		Total = 139.05 Cum		
ited to Tender		= 138.60 Cum		
0.00			RB	13860.00
odu				
		Jadhav		
		AE		

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
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M.A.R. 57 (Rule 116)

Measurement Book No. A/11 193674

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
(2)	providing and laying in position Plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs with 40mm and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregates @ 0.57cum machine mixed concrete laid in layers not exceeding 15cms thick well compacted, in foundation and plinth, including cost of all materials.						
	A/S wadth Kattle Road	1	30.00	0.90	0.15 =	4.05 Cum	
	Left Side	1	30.00	0.90	0.15 =	4.05 Cum	
		1	30.00	0.90	0.15 =	4.05 Cum	
		1	30.00	0.90	0.15 =	4.05 Cum	
		1	34.50	0.90	0.15 =	4.66 Cum	
					Total =	20.86 Cum	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		Qty limited to Tender =				20.79 Cum	
		@ Rs 4800.00					
		Create				Sadhan AE	RS 99792.00
		Ali					
(3)	providing and [illegible] Shuttering, Stratting propping etc, and removal of [illegible] work for vertical Surfaces such as walls at any thickness including attached Pilasters buttresses plinth and String courses cost of all materials labour etc						
	Aswathakatte Road left Side	4	30.00		0.60	= 72.00 Sqm	
		4	30.00		0.60	= 72.00 Sqm	
		4	30.00		0.60	= 72.00 Sqm	
		4	30.00		0.60	= 72.00 Sqm	
		4	34.50		0.60	= 82.80 Sqm	
					Total	= 370.80 Sqm	
						= 369.00 Sqm	
		Create	Qty limited to Tender				
		Ali	@ Rs 290.00			RS 107184.00	
						Sadhan AE	

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Serial No.....

Name of work.....

Name of Contractor of nature of Age

Date of commencement of work.....

Date	Full description, etc, of work
1	2
(4)	providing and lay... design mix M2... down size grade... and fine aggreg... layers not exceed... plinth and groun... retaining walls, ... Aswathakatte Roa... Road left Side... Bottom

ENT BOOK

Dimensions: th	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
ed	to Tender =		20.79 Cum	
0.00				RS 99792.00
			Jadhav AE	
00				
00				
00				
00				
50				
			Total = 370.80 Sqm	
sed to Tender			= 369.00 Sqm	
90.00				RS 107184.00
			Jadhav AE	

M.A.R. 57 (Rule 116)

Measurement Book No. A/11 193675

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
(4)	providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320 Kgs with 20mm and down size graded granite metal coarse aggregates @ 0.878 Cum and fine aggregates @ 0.45 Cum, machine mixed concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls return walls.						
	Aswathnagar Main Road Left Side	1	30.00	0.90	0.15 =	4.05 Cum	C&FC
		1	30.00	0.90	0.15 =	4.05 Cum	Ramp
	Bottom	1	30.00	0.90	0.15 =	4.05 Cum	
		1	30.00	0.90	0.15 =	4.05 Cum	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Side walls	1	34.50	0.90	0.15 =	4.66 cum	
		2	30.00	0.15	0.55 =	4.95 cum	
		2	30.00	0.15	0.60 =	5.40 cum	
		2	30.00	0.15	0.65 =	5.85 cum	
		2	30.00	0.15	0.60 =	5.40 cum	
		2	34.50	0.15	0.65 =	6.73 cum	
					Total =	49.19 cum	
						= 48.51 cum	
	Qty limited to Tender @ Rs 5967.00					Rs 289459.00	
	Check Rate						
(5)	providing and placing reinforcements for R.C.C work including straightening, cutting, bending, hooking, placing in position lapping and/or welding wherever required					= 29.114 t	
	Qty vide Page no - 193 of this MB no - 1937 @ Rs 7900.00					Rs 229969.00	

Serial No.....

Name of work.....

Name of Contractor of nature of Agen

Date of commencement of work.....

Date	Full description, etc, of work
1	2
(6)	providing granite Sl fixed in cement 7.5 cms thick. For covering slabs

BOOK

ns Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
90	0.15 =	4.66 Cum	
.15	0.55 =	4.95 Cum	
.15	0.60 =	5.40 Cum	
.15	0.65 =	5.85 Cum	
.15	0.60 =	5.40 Cum	
.15	0.65 =	6.73 Cum	
	Total =	49.19 Cum	
	Tender =	48.51 Cum	
00		Jadhav AE Rs 289459.00	
for R.C.C work including			
ooking, placing in position			
n required			
of	=	29.119 Cum	
500.00		Rs 229969.00	

Jadhav AE

M.A.R. 57 (Rule 116)

Measurement Book No. A/11 193676

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
(6)	providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc complete 7.5 cms thick.						
	For covering slabs	1	30.00		0.80 =	27.00 Sqmt	
		1	30.00		0.80 =	27.00 Sqmt	
		1	30.00		0.80 =	27.00 Sqmt	
		1	30.00		0.80 =	27.00 Sqmt	
		1	34.50		0.90 =	31.05 Sqmt	
					Total =	139.05 Sqmt	
	Create		Qty limited to		Tender =	138.00 Sqmt	
			@ Rs 640.00			Rs 88704.00	

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Jadhav AE

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(7) providing chamfering edges to stone slab 2.5cms wide as per Specifications. Only chamfered length shall be recorded)						
		257	3.00			= 771.00 mtr	
		@ Rs 30.00					
						Rs 23130.00	
						Sadhan AE	
	(8) Providing two line dressing to granite stone slab/granite stone masonary as per Specifications						
		Qty vide Item no. 06				= 138.60 Sqm	
		@ Rs 850.00					
						Rs 117810.00	
						Sadhan AE	
	(9) Lead for Disposal of Debris shall be payable at carriage rates by Mechanical means including loading and unloading						

Serial No.....

Name of work.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Numbe
1	2	3
	Qty vide	
	@ Rs 7	
	Accepted all measurements with full & Final settlements.	

MENT BOOK

Dimensions			Contents	Reference to last Measurement
gth 4	Breadth 5	Depth 6	7	8
				to Stone slab 2.5cms wide chamfered length shall be
0			= 77.000mtr	
.00			Zadhav AE RS 2310.00	
				granite Stone slab/granite stone
			= 138.60 Sqmt	
0.00			RS 11781.00	
			Zadhav AE	
				Shall be payable at carriage including loading and

M.A.R. 57 (Rule 116)

Measurement Book No. A/11 193677

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Qty vide Item No-01 @ RS 70.00					= 103.95cum RS 7277.00	
	Accepted all measurements with full & Final settlements.					Total = 977188.00	
						Zadhav AE 30/9/2015.	

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ವಿದ್ಯುದ್ದೀಪ ಉಪ ವಿಭಾಗ,
ಯಲಹಂಕ ವಲಯ,
ಬೃ. ಬೆಂ. ಮ. ಸಾ.. ಬೆಂಗಳೂರು-97

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Certificate: certified that the above work done is Satisfactory and no materials issued from department. Jadhav AE 30/9/2015						

Received
ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ವಿದ್ಯಾರಣ್ಯಪುರ ಉಪವಿಭಾಗ,
ಯಲಹಂಕ ಮಲಯ.
ಬೃ. ಬೆಂ. ಮ. ಸಾ. ಬೆಂಗಳೂರು-97.

M.

Serial No.....
Name of work.....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Num
1	2	3
	Sketch showing → R.C.C drain and covering Slab Jadhav AE W.O	

ASUREMENT BOOK

ber	Dimensions: Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8

...ood the above work done is Satisfactory
...tually issued from department only

0/S

RLee

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ವಿದ್ಯಾರಣ್ಯಪುರ ಉಪ ವಿಭಾಗ,
ಯಲಹಂಕ ವಲಯ,
ಬೃ. ಬೆಂ. ಮ. ಪಾ. ಬೆಂಗಳೂರು-97.

M.A.R. 57 (Rule 116)

Measurement Book No. A/11 193678

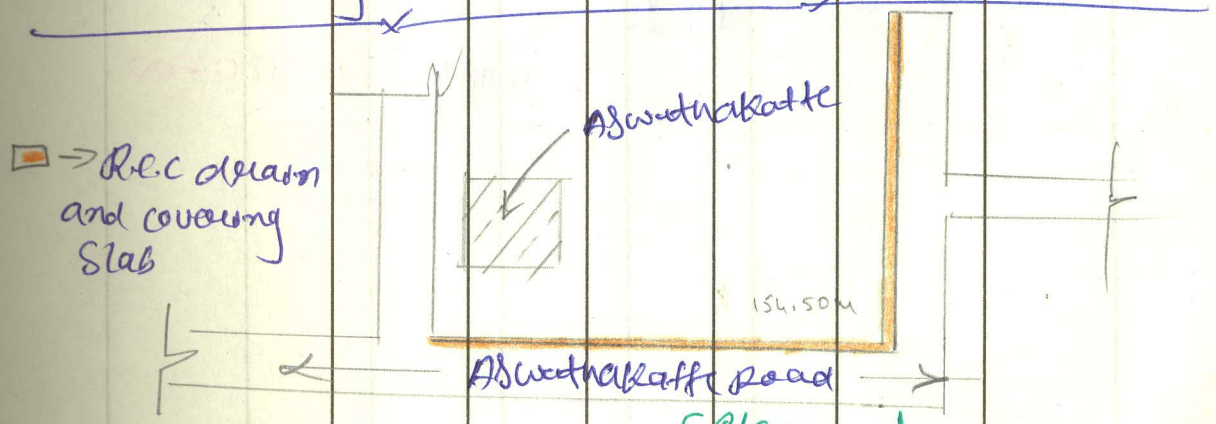
Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Sketch Showing the location of work done spot						



R.C drain and covering Slab

Jadhav
AE W.C

RLee

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ವಿದ್ಯಾರಣ್ಯಪುರ ಉಪ ವಿಭಾಗ,
ಯಲಹಂಕ ವಲಯ,

MEASUREMENT BOO

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	ಒಟ್ಟು ಮೊತ್ತ ರೂ. 977180=00			IT – 9772 –			
	ಗಳಿಗೆ ಬಾಕ್ಸ್ ಮಾಡುವ ಇರುವ ರೂ.	122180=00		VAT – 39087 –			
	ಮೊತ್ತಕ್ಕೆ ಮಾರಾಟ ಅಂಶ ಅಂಗಡಿ ಮಾಲೀಕ			Pro – 53745 –			
	ರೂ. 855000=00			Cess – 9772 –			
	ಮಾರಾಟ ಮಾಡಿದ ಸರಕಿಗೆ			Cess – 977 –			
				Roy – 8827 –			
						122180=00	

20/1/16.

Serial No.....

Name of work.....

Name of Contractor of nature of Agen

Date of commencement of work.....

Date	Full description, etc, of work
1	2